AMENDMENTS TO THE CLAIMS

CLAIMS

    1-23. (Cancelled)

    24. (Currently Amended) A system for monitoring objects, the system comprising:

        a detector ~~for detecting~~ configured to provide a first data associated with an object, the detector being at a fixed location; ~~and providing a first location of the object;~~

        a target unit comprising a sensor configured to provide a second data associated with the object, the target unit being mobile relative to the detector; and ~~for providing a second location of the object;~~

        ~~a target unit communicatively coupled to the detector and the sensor in a network, the target unit is configured to receive data of the object detected, the first location provided by the detector and a time monitored at the first location, and the second location provided by the sensor and a time monitored at the second location; and~~

        a processor configured to receive the first data and the second data, the processor being further configured to correlate the location of the object based on the first data and the location of the object based on the second data. ~~communicatively coupled to the target unit via the network to access the data from the target unit, the processor configured to perform network surveillance in response to a user search query, store data of an object identifier, receive data of the object detected, compare the data of the object identifier with the data of the object detected, and determine object movement from the first location provided by the detector and a time monitored at the first location, and the second location provided by the sensor and a time monitored at the second location.~~

    25. (Currently Amended) The system of Claim 24 wherein the target unit comprises a locator unit configured to determine the location of the target unit, the processor being further configured to receive the location of the target unit, the processor being further configured to determine ~~network surveillance comprises determining~~ whether the target unit is within range of the ~~network~~ detector ~~in order to observe the object.~~

26. (Currently Amended) The system of Claim 24 wherein:

the target unit provides ~~GPS~~ location information associated with the object; and

the detector provides an image of the object.

27. (Previously Presented) The system of Claim 24 wherein:

the object is a vehicle; and

the target unit is mounted or carried in the vehicle.

28. (Currently Amended) The system of claim 24 wherein a database is coupled to the processor to maintain the current position for a plurality of sensors ~~coupled to the network~~.

29. (Previously Presented) The system of claim 24 wherein the target unit comprises an accelerometer coupled to provide data indicative of movement to trigger object position calculation.

30. (Currently Amended) The system of claim 24 wherein:

the object is an identified good;

the ~~sensor~~ target unit comprises a radio-frequency identification device ~~to locate the identified good~~; and

the detector comprises a camera for observing the identified good, thereby enabling the sensor and the detector to provide corroborative surveillance of the identified good.

31. (Currently Amended) A method for monitoring objects, the method comprising:

determining ~~detecting an object and~~ a first location of ~~the~~ an object based on a first data using a detector;

determining ~~sensing~~ a second location of the object based on a second data using a sensor; and

correlating the location of the object based on the first data and the location of the object based on the second data;

~~transmitting to a target unit, in a network, data of the object detected, the first location provided by the detector and a time monitored at the first location, and the second location provided by the sensor and a time monitored at the second location;~~

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remotely accessing the data from the target unit;

~~comparing data of an object identifier with the data of the object detected; and~~

~~determining object movement from the first location provided by the detector and a~~ ~~time monitored at the first location, and the second location provided by the sensor and a time~~ ~~monitored at the second location.~~

32. (Currently Amended) The method of Claim 31 wherein <u>the detector is at a fixed location</u> ~~detecting the object comprises using a fixed detector~~.

33. (Currently Amended) The method of Claim 31 <u>wherein the second data comprises an object identifier, the method</u> further comprising registering the <u>object identifier</u>~~target unit~~ in a database to indicate association with <u>the object</u>~~a particular object~~.

34-38. (Cancelled)

39. (New) The system of claim 24 wherein the target unit comprises a locator unit coupled to determine the location of the target unit, the second data comprising the location of the target unit.

40. (New) The system of claim 24 wherein correlating the location based on the first data and the location based on the second data comprises determining whether the locations are consistent.

41. (New) The system of claim 24 wherein correlating the location based on the first data and the location based on the second data comprises determining a movement vector to predict a future location of the object.

42. (New) The system of claim 24 further comprising a plurality of detectors each having a corresponding observation range, wherein at least one of the plurality of detectors is selected to observe the object, the detector being selected by determining the location of the object based on the second data.

43. (New) The system of claim 24 wherein the first data comprises at least one of an image of the object and an identifier associated with the object.

44. (New) The system of claim 24 wherein the first data comprises a plurality of images of the object captured at different times.

45. (New) The system of claim 24 wherein the second data comprises at least one of an image of the object and an identifier associated with the object.

46. (New) The system of claim 24 wherein the second data comprises a plurality of images of the object captured at different times.

47. (New) The system of claim 24 wherein the location of the object based on the first data is determined at least in part based on the location of the detector.

48. (New) The system of claim 24 wherein the location of the object based on the second data is determined at least in part based on the location of the sensor.